

WEST Search History

DATE: Tuesday, September 30, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	air near5 (conditioner or purifier or conditioning or purifying)	179023	L1
L2	L1 or (ion near5 (generator or generating))	193833	L2
L3	electrode near5 array	23683	L3
L4	11 same L3	38	L4

END OF SEARCH HISTORY

WEST

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 38 of 38 returned.** **1. Document ID: US 20030170150 A1**

L4: Entry 1 of 38

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170150

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170150 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lau, Shek Fai	Foster City	CA	US	
Lee, Jimmy Luther	Rohnert Park	CA	US	
Parker, Andrew J.	Sausalito	CA	US	

US-CL-CURRENT: 422/186[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KOMC](#) [Draw Desc](#) [Image](#) **2. Document ID: US 20030165410 A1**

L4: Entry 2 of 38

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030165410

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030165410 A1

TITLE: Personal air transporter-conditioner devices with anti -microorganism capability

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.04; 422/186.3[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KOMC](#) [Draw Desc](#) [Image](#) **3. Document ID: US 20030159918 A1**

L4: Entry 3 of 38

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030159918
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030159918 A1

TITLE: Apparatus for conditioning air with anti-microorganism capability
PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 204/164; 204/176, 422/186.07, 422/186.3

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

4. Document ID: US 20030147786 A1

L4: Entry 4 of 38 File: PGPB Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147786
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030147786 A1

TITLE: Air transporter-conditioner device with tubular electrode configurations

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.04; 204/164

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

5. Document ID: US 20030147783 A1

L4: Entry 5 of 38 File: PGPB Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147783
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030147783 A1

TITLE: Apparatuses for conditioning air with means to extend exposure time to anti-microorganism lamp

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.3; 422/186.04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

6. Document ID: US 20020155041 A1

L4: Entry 6 of 38

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155041

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020155041 A1

TITLE: Electro-kinetic air transporter-conditioner with non-equidistant collector electrodes

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McKinney, Edward C. JR.	San Rafael	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 7. Document ID: US 20020150520 A1

L4: Entry 7 of 38

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150520

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020150520 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced emitter electrode

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 8. Document ID: US 20020146356 A1

L4: Entry 8 of 38

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146356

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020146356 A1

TITLE: Dual input and outlet electrostatic air transporter-conditioner

PUBLICATION-DATE: October 10, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sinaiko, Robert J.	San Francisco	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	San Francisco	CA	US	

US-CL-CURRENT: 422/186.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	-----	------------	-------

□ 9. Document ID: US 20020141914 A1

L4: Entry 9 of 38

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020141914

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020141914 A1

TITLE: Electro-kinetic air transporter-conditioner with a multiple pin-ring configuration

PUBLICATION-DATE: October 3, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lau, Shek Fai	Foster City	CA	US	
Parker, Andrew	Sausalito	CA	US	

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	-----	------------	-------

□ 10. Document ID: US 20020134665 A1

L4: Entry 10 of 38

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134665

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134665 A1

TITLE: Electro-kinetic air transporter-conditioner devices with trailing electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw. Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	-----	------------	-------

11. Document ID: US 20020134664 A1

L4: Entry 11 of 38

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134664

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134664 A1

TITLE: Electro-kinetic air transporter-conditioner devices with an upstream focus electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lee, Jim L.	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 12. Document ID: US 20020127156 A1

L4: Entry 12 of 38

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127156 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced collector electrode

PUBLICATION-DATE: September 12, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 13. Document ID: US 20020122752 A1

L4: Entry 13 of 38

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122752

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122752 A1

TITLE: Electro-kinetic air transporter-conditioner devices with interstitial electrode

PUBLICATION-DATE: September 5, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 422/186

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

14. Document ID: US 20020122751 A1

L4: Entry 14 of 38

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122751

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122751 A1

TITLE: Electro-kinetic air transporter-conditioner devices with a enhanced collector electrode for collecting more particulate matter

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sinaiko, Robert J.	San Francisco	CA	US	
Taylor, Charles E.	Sebastopol	CA	US	

US-CL-CURRENT: 422/186

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

15. Document ID: US 20020098131 A1

L4: Entry 15 of 38

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098131

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020098131 A1

TITLE: Electro-kinetic air transporter-conditioner device with enhanced cleaning features

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 422/186.04; 204/164, 204/176, 422/186.07

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

16. Document ID: US 20020098130 A1

L4: Entry 16 of 38

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098130
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020098130 A1

TITLE: Apparatus for purifying and deodorizing air

PUBLICATION-DATE: July 25, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hai Fong, William Wing	Kin		HK	

US-CL-CURRENT: 422/186.04

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

17. Document ID: US 20020079212 A1

L4: Entry 17 of 38

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020079212
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020079212 A1

TITLE: Electro-kinetic air transporter-conditioner

PUBLICATION-DATE: June 27, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 204/164; 204/176, 422/186.04, 422/186.07

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

18. Document ID: US 20010048906 A1

L4: Entry 18 of 38

File: PGPB

Dec 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010048906
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010048906 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

PUBLICATION-DATE: December 6, 2001

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lau, Shek Fai	Foster City	CA	US	
Lee, Jimmy L.	Rohnert Park	CA	US	
Parker, Andrew J.	Sausalito	CA	US	

US-CL-CURRENT: 422/186; 134/104.1, 134/201, 361/226, 361/230

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

19. Document ID: US 20010032544 A1

L4: Entry 19 of 38

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010032544
 PGPUB-FILING-TYPE: new
 DOCUMENT-IDENTIFIER: US 20010032544 A1

TITLE: Electro-kinetic ionic air refreshener-conditioner for pet shelter and litter box

PUBLICATION-DATE: October 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 96/19

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

20. Document ID: US 20010004046 A1

L4: Entry 20 of 38

File: PGPB

Jun 21, 2001

PGPUB-DOCUMENT-NUMBER: 20010004046
 PGPUB-FILING-TYPE: new-utility
 DOCUMENT-IDENTIFIER: US 20010004046 A1

TITLE: Electro-kinetic air transporter-conditioner

PUBLICATION-DATE: June 21, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Charles E.	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 204/176; 422/186.07

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

21. Document ID: US 6544485 B1

L4: Entry 21 of 38

File: USPT

Apr 8, 2003

US-PAT-NO: 6544485

DOCUMENT-IDENTIFIER: US 6544485 B1

TITLE: Electro-kinetic device with enhanced anti-microorganism capability

DATE-ISSUED: April 8, 2003

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taylor; Charles E.	Sebastopol	CA		

US-CL-CURRENT: 422/186.04; 422/121, 422/186.12, 422/186.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	---------------------	---------------------------	-----------------------

 22. Document ID: US 6451266 B1

L4: Entry 22 of 38

File: USPT

Sep 17, 2002

US-PAT-NO: 6451266

DOCUMENT-IDENTIFIER: US 6451266 B1

TITLE: Foot deodorizer and massager system

DATE-ISSUED: September 17, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lau; Shek Fai	Foster City	CA		
Parker; Andrew	Sausalito	CA		

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	---------------------	---------------------------	-----------------------

 23. Document ID: US 6350417 B1

L4: Entry 23 of 38

File: USPT

Feb 26, 2002

US-PAT-NO: 6350417

DOCUMENT-IDENTIFIER: US 6350417 B1

** See image for Certificate of Correction **

TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

DATE-ISSUED: February 26, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lau; Shek Fai	Foster City	CA		
Lee; Jimmy Luther	Rohnert Park	CA		
Parker; Andrew J.	Sausalito	CA		

US-CL-CURRENT: 422/186.04; 422/186.07[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 24. Document ID: US 6312507 B1

L4: Entry 24 of 38

File: USPT

Nov 6, 2001

US-PAT-NO: 6312507

DOCUMENT-IDENTIFIER: US 6312507 B1

**** See image for Certificate of Correction ****

TITLE: Electro-kinetic ionic air refreshener-conditioner for pet shelter and litter box

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taylor; Charles E.	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 96/19; 119/165, 119/420, 119/500, 422/120, 422/186.07, 422/186.1,
422/5, 55/385.1, 95/3, 96/65, 96/77, 96/96, 96/97[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 25. Document ID: US 6176977 B1

L4: Entry 25 of 38

File: USPT

Jan 23, 2001

US-PAT-NO: 6176977

DOCUMENT-IDENTIFIER: US 6176977 B1

TITLE: Electro-kinetic air transporter-conditioner

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taylor; Charles E.	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 204/176; 123/539, 132/272, 361/226, 361/230, 361/232, 422/186.07[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 26. Document ID: US 6163098 A

L4: Entry 26 of 38

File: USPT

Dec 19, 2000

US-PAT-NO: 6163098

DOCUMENT-IDENTIFIER: US 6163098 A

TITLE: Electro-kinetic air refreshener-conditioner with optional night light

DATE-ISSUED: December 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Taylor; Charles E.	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 310/308; 361/230, 361/235, 96/15, 96/26, 96/70, 96/95, 96/98

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

27. Document ID: US 5528038 A

L4: Entry 27 of 38

File: USPT

Jun 18, 1996

US-PAT-NO: 5528038

DOCUMENT-IDENTIFIER: US 5528038 A

TITLE: Temperature distribution measurement apparatus and its application to a human body detecting system

DATE-ISSUED: June 18, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yoshiike; Nobuyuki	Ikoma			JP
Arita; Koji	Osaka			JP
Kobayashi; Susumu	Osaka			JP

US-CL-CURRENT: 250/342; 250/338.3

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

28. Document ID: JP 11276928 A

L4: Entry 28 of 38

File: JPAB

Oct 12, 1999

PUB-NO: JP411276928A

DOCUMENT-IDENTIFIER: JP 11276928 A

TITLE: CORONA DISCHARGING DEVICE AND AIR PURIFIER PROVIDED WITH THE SAME

PUBN-DATE: October 12, 1999

INVENTOR-INFORMATION:

NAME	COUNTRY
MIYAMOTO, MASAKAZU	
TAKUSHIMA, AKIRA	

INT-CL (IPC) : B03 C 3/41

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Clip Img](#) [Image](#)

□ 29. Document ID: JP 61119940 A

L4: Entry 29 of 38

File: JPAB

Jun 7, 1986

PUB-NO: JP361119940A

DOCUMENT-IDENTIFIER: JP 61119940 A

TITLE: AIR PURIFIER

PUBN-DATE: June 7, 1986

INVENTOR-INFORMATION:

NAME

COUNTRY

HIRAYAMA, YASUTAKA

KAYAMA, MASAAKI

INT-CL (IPC): F24F 7/00; F24F 7/06

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)□ 30. Document ID: US 20030165410 A1 CN 1375336 A US 20030072697 A1 US 6544485
B1 US 20030159918 A1 US 20030147783 A1 US 20030147786 A1

L4: Entry 30 of 38

File: DWPI

Sep 4, 2003

DERWENT-ACC-NO: 2003-157940

DERWENT-WEEK: 200359

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: User wearable air transporter-conditioner used in motor vehicle, includes high voltage pulse generator between array electrodes with different distal effective radius[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Clip Img](#) [Image](#)

□ 31. Document ID: US 20020141914 A1

L4: Entry 31 of 38

File: DWPI

Oct 3, 2002

DERWENT-ACC-NO: 2003-147500

DERWENT-WEEK: 200314

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Foot massager and deodorizer system characterized in that electro-kinetic conversion of electrical energy into fluid flow of ionizable dielectric medium in which electro-kinetically produced flow of air is created

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Clip Img](#) [Image](#)

□ 32. Document ID: CN 1410165 A US 20020155041 A1

L4: Entry 32 of 38

File: DWPI

Apr 16, 2003

DERWENT-ACC-NO: 2003-102766

DERWENT-WEEK: 200345

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Electro-kinetic air transporter-conditioner has emitter and collector arrays arranged such that innermost electrode of collector array is located farther away from emitter array than its outermost electrodes

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Clip Img](#) [Image](#)

33. Document ID: US 20020134665 A1

L4: Entry 33 of 38

File: DWPI

Sep 26, 2002

DERWENT-ACC-NO: 2003-057762

DERWENT-WEEK: 200320

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Ion generator for electro-kinetic air transporter-conditioner, has trailing electrode array at downstream side of receiver electrode array to which air is directed from emitter electrode array

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Clip Img](#) [Image](#)

34. Document ID: US 20010032544 A1

L4: Entry 34 of 38

File: DWPI

Oct 25, 2001

DERWENT-ACC-NO: 2002-194786

DERWENT-WEEK: 200225

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Hand-holdable electro-kinetic electrostatic ionic air refreshener-conditioner for a pet shelter, has two electrode arrays, first in form of pins, and second defining a washer-like shape

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Clip Img](#) [Image](#)

35. Document ID: WO 200025909 A1 AU 200016079 A US 6176977 B1 US

20010004046 A1 EP 1135205 A1 CN 1331614 A JP 2002528260 W

L4: Entry 35 of 38

File: DWPI

May 11, 2000

DERWENT-ACC-NO: 2000-365445

DERWENT-WEEK: 200320

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Electro-kinetic air transporter-conditioner has an electrode assembly that comprises an array of electrically conductive rod-like and hollow electrodes coupled between output ports

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)

[KMC](#) [Draw Desc](#) [Clip Img](#) [Image](#)

36. Document ID: US 5528038 A KR 9705588 B1

L4: Entry 36 of 38

File: DWPI

Jun 18, 1996

DERWENT-ACC-NO: 1996-299945

DERWENT-WEEK: 199939

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Temp. distribution measurement appts. for human body detection in air conditioner control - has array of pyroelectric IR sensor electrodes having IR radiation intermittently focussed onto them and having rotation part rotating them about axis using stepper motor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMPC	Draw Desc	Clip Img	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	------	-----------	----------	-------

37. Document ID: DE 2918688 A DE 2918688 C FR 2434046 A GB 2029003 A GB 2029003 B US 4245550 A

L4: Entry 37 of 38

File: DWPI

Feb 28, 1980

DERWENT-ACC-NO: 1980-16733C

DERWENT-WEEK: 198010

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Air purifier for motor cars - with electrostatic dust filter and radio anti-interference cowl over ultraviolet steriliser lamp

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMPC	Draw Desc	Clip Img	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	------	-----------	----------	-------

38. Document ID: BE 838378 A BR 7600481 A CA 1060526 A DE 2507794 B DK 7600681 A FI 7600432 A FR 2301933 A IT 1052671 B NL 7601608 A SE 7601940 A US 4025323 A

L4: Entry 38 of 38

File: DWPI

May 28, 1976

DERWENT-ACC-NO: 1976-G1494X

DERWENT-WEEK: 197628

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: DC electrostatic generating system for air conditioner - has TV receiver coupled to ceiling electrodes and connector between HV and CRT anode

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMPC	Draw Desc	Clip Img	Image
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	------	-----------	----------	-------

Generate Collection	Print
---------------------	-------

Terms	Documents
11 same L3	38

Display Format:	Change Format
-----------------	---------------

Previous Page	Next Page
---------------	-----------

WEST Search History

DATE: Tuesday, September 30, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
		result set	
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	taylor-charles\$.in. or lee-jim\$.in. or mckinney-edward\$.in.	320	L1
L2	L1 and electrode	58	L2
L3	L2 and (conditioner or ion generator)	33	L3

END OF SEARCH HISTORY

WEST Search History

DATE: Tuesday, September 30, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
			result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L1	taylor-charles\$.in. or lee-jim\$.in. or mckinney-edward\$.in.	320	L1
L2	L1 and electrode	58	L2
L3	L2 and (conditioner or ion generator)	33	L3
L4	L2 and (electrode near5 array)	34	L4

END OF SEARCH HISTORY

WEST

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 34 of 34 returned.** **1. Document ID: US 20030170150 A1**

L4: Entry 1 of 34

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170150

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170150 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lau, Shek Fai	Foster City	CA	US	
<u>Lee, Jimmy Luther</u>	Rohnert Park	CA	US	
Parker, Andrew J.	Sausalito	CA	US	

US-CL-CURRENT: 422/186[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw. Desc](#) [Image](#) **2. Document ID: US 20030165410 A1**

L4: Entry 2 of 34

File: PGPB

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030165410

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030165410 A1

TITLE: Personal air transporter-conditioner devices with anti -microorganism capability

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.04; 422/186.3[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw. Desc](#) [Image](#) **3. Document ID: US 20030159918 A1**

L4: Entry 3 of 34

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030159918
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030159918 A1

TITLE: Apparatus for conditioning air with anti-microorganism capability

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	

US-CL-CURRENT: 204/164; 204/176, 422/186.07, 422/186.3

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw Desc](#) [Image](#)

4. Document ID: US 20030147786 A1

L4: Entry 4 of 34

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147786
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030147786 A1

TITLE: Air transporter-conditioner device with tubular electrode configurations

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.04; 204/164

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw Desc](#) [Image](#)

5. Document ID: US 20030147783 A1

L4: Entry 5 of 34

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147783
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030147783 A1

TITLE: Apparatuses for conditioning air with means to extend exposure time to anti-microorganism lamp

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.3; 422/186.04

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#)

6. Document ID: US 20030072697 A1

L4: Entry 6 of 34

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030072697
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030072697 A1

TITLE: Apparatus for conditioning air

PUBLICATION-DATE: April 17, 2003

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	

US-CL-CURRENT: 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	----------------------	---------------------------	-----------------------

 7. Document ID: US 20020174876 A1

L4: Entry 7 of 34

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020174876
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020174876 A1

TITLE: Ion emitting grooming brush

PUBLICATION-DATE: November 28, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lau, Shek Fai</u>	Foster City	CA	US	

US-CL-CURRENT: 132/116

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KOMC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	----------------------	---------------------------	-----------------------

 8. Document ID: US 20020155041 A1

L4: Entry 8 of 34

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155041
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020155041 A1

TITLE: Electro-kinetic air transporter-conditioner with non-equidistant collector electrodes

PUBLICATION-DATE: October 24, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>McKinney, Edward C. JR.</u>	San Rafael	CA	US	
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lee, Jim L.</u>	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

9. Document ID: US 20020150520 A1

L4: Entry 9 of 34

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150520
 PGPUB-FILING-TYPE: new
 DOCUMENT-IDENTIFIER: US 20020150520 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced emitter
electrode

PUBLICATION-DATE: October 17, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lee, Jim L.</u>	Rohnert Park	CA	US	

US-CL-CURRENT: 422/186.04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

10. Document ID: US 20020146356 A1

L4: Entry 10 of 34

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146356
 PGPUB-FILING-TYPE: new
 DOCUMENT-IDENTIFIER: US 20020146356 A1

TITLE: Dual input and outlet electrostatic air transporter-conditioner

PUBLICATION-DATE: October 10, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Sinaiko, Robert J.</u>	San Francisco	CA	US	
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lee, Jim L.</u>	San Francisco	CA	US	

US-CL-CURRENT: 422/186.04

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

□ 11. Document ID: US 20020134665 A1

L4: Entry 11 of 34

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134665

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134665 A1

TITLE: Electro-kinetic air transporter-conditioner devices with trailing electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lee, Jim L.</u>	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KOMC](#) [Draw Desc](#) [Image](#)

□ 12. Document ID: US 20020134664 A1

L4: Entry 12 of 34

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134664

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134664 A1

TITLE: Electro-kinetic air transporter-conditioner devices with an upstream focus electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
<u>Lee, Jim L.</u>	Rohnert Park	CA	US	

US-CL-CURRENT: 204/164; 422/186.04[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KOMC](#) [Draw Desc](#) [Image](#)

□ 13. Document ID: US 20020127156 A1

L4: Entry 13 of 34

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127156 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced collector electrode

PUBLICATION-DATE: September 12, 2002

INVENTOR- INFORMATION:

NAME <u>Taylor, Charles E.</u>	CITY Sebastopol	STATE CA	COUNTRY US	RULE-47
-----------------------------------	--------------------	-------------	---------------	---------

US-CL-CURRENT: 422/186

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	---------------------	---------------------------	-----------------------

 14. Document ID: US 20020122752 A1

L4: Entry 14 of 34

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122752

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122752 A1

TITLE: Electro-kinetic air transporter-conditioner devices with interstitial electrode

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME <u>Taylor, Charles E.</u>	CITY Sebastopol	STATE CA	COUNTRY US	RULE-47
	Lau, Shek Fai	Foster City	CA	US

US-CL-CURRENT: 422/186

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	---------------------	---------------------------	-----------------------

 15. Document ID: US 20020122751 A1

L4: Entry 15 of 34

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122751

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122751 A1

TITLE: Electro-kinetic air transporter-conditioner devices with a enhanced collector electrode for collecting more particulate matter

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME <u>Sinaiko, Robert J.</u>	CITY San Francisco	STATE CA	COUNTRY US	RULE-47
	<u>Taylor, Charles E.</u>	Sebastopol	CA	US

US-CL-CURRENT: 422/186

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	---------------------	---------------------------	-----------------------

 16. Document ID: US 20020100488 A1

L4: Entry 16 of 34

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020100488
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020100488 A1

TITLE: ION EMITTING GROOMING BRUSH

PUBLICATION-DATE: August 1, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 132/271; 607/79

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw. Desc](#) [Image](#)

17. Document ID: US 20020098131 A1

L4: Entry 17 of 34

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098131
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020098131 A1

TITLE: Electro-kinetic air transporter-conditioner device with enhanced cleaning features

PUBLICATION-DATE: July 25, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 422/186.04; 204/164, 204/176, 422/186.07

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw. Desc](#) [Image](#)

18. Document ID: US 20020079212 A1

L4: Entry 18 of 34

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020079212
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020079212 A1

TITLE: Electro-kinetic air transporter-conditioner

PUBLICATION-DATE: June 27, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 204/164; 204/176, 422/186.04, 422/186.07[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#) 19. Document ID: US 20010048906 A1

L4: Entry 19 of 34

File: PGPB

Dec 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010048906

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010048906 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

PUBLICATION-DATE: December 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lau, Shek Fai	Foster City	CA	US	
<u>Lee, Jimmy L.</u>	Rohnert Park	CA	US	
Parker, Andrew J.	Sausalito	CA	US	

US-CL-CURRENT: 422/186; 134/104.1, 134/201, 361/226, 361/230[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#) 20. Document ID: US 20010032544 A1

L4: Entry 20 of 34

File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010032544

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010032544 A1

TITLE: Electro-kinetic ionic air refreshener-conditioner for pet shelter and litter box

PUBLICATION-DATE: October 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 96/19[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Draw Desc](#) [Image](#) 21. Document ID: US 20010004046 A1

L4: Entry 21 of 34

File: PGPB

Jun 21, 2001

PGPUB-DOCUMENT-NUMBER: 20010004046

PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010004046 A1

TITLE: Electro-kinetic air transporter-conditioner

PUBLICATION-DATE: June 21, 2001

INVENTOR- INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Taylor, Charles E.</u>	Sebastopol	CA	US	
Lau, Shek Fai	Foster City	CA	US	

US-CL-CURRENT: 204/176; 422/186.07

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KUMC](#) [Draw Desc](#) [Image](#)

22. Document ID: US 6588434 B2

L4: Entry 22 of 34

File: USPT

Jul 8, 2003

US-PAT-NO: 6588434

DOCUMENT-IDENTIFIER: US 6588434 B2

TITLE: Ion emitting grooming brush

DATE-ISSUED: July 8, 2003

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 15/104.002, 607/79

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KUMC](#) [Draw Desc](#) [Image](#)

23. Document ID: US 6585935 B1

L4: Entry 23 of 34

File: USPT

Jul 1, 2003

US-PAT-NO: 6585935

DOCUMENT-IDENTIFIER: US 6585935 B1

TITLE: Electro-kinetic ion emitting footwear sanitizer

DATE-ISSUED: July 1, 2003

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 422/29; 422/186.07

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KUMC](#) [Draw Desc](#) [Image](#)

24. Document ID: US 6544485 B1

L4: Entry 24 of 34

File: USPT

Apr 8, 2003

US-PAT-NO: 6544485

DOCUMENT-IDENTIFIER: US 6544485 B1

TITLE: Electro-kinetic device with enhanced anti-microorganism capability

DATE-ISSUED: April 8, 2003

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		

US-CL-CURRENT: 422/186.04; 422/121, 422/186.12, 422/186.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	----------------------	---------------------------	-----------------------

 25. Document ID: US 6350417 B1

L4: Entry 25 of 34

File: USPT

Feb 26, 2002

US-PAT-NO: 6350417

DOCUMENT-IDENTIFIER: US 6350417 B1

**** See image for Certificate of Correction ****TITLE: Electrode self-cleaning mechanism for electro-kinetic air transporter-conditioner devices

DATE-ISSUED: February 26, 2002

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Lau; Shek Fai</u>	Foster City	CA		
<u>Lee; Jimmy Luther</u>	Rohnert Park	CA		
<u>Parker; Andrew J.</u>	Sausalito	CA		

US-CL-CURRENT: 422/186.04; 422/186.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMIC	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	----------------------	---------------------------	-----------------------

 26. Document ID: US 6312507 B1

L4: Entry 26 of 34

File: USPT

Nov 6, 2001

US-PAT-NO: 6312507

DOCUMENT-IDENTIFIER: US 6312507 B1

**** See image for Certificate of Correction ****

TITLE: Electro-kinetic ionic air refreshener-conditioner for pet shelter and litter box

DATE-ISSUED: November 6, 2001

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 96/19; 119/165, 119/420, 119/500, 422/120, 422/186.07, 422/186.1,
422/5, 55/385.1, 95/3, 96/65, 96/77, 96/96, 96/97

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

27. Document ID: US 6182671 B1

L4: Entry 27 of 34

File: USPT

Feb 6, 2001

US-PAT-NO: 6182671

DOCUMENT-IDENTIFIER: US 6182671 B1

TITLE: Ion emitting grooming brush

DATE-ISSUED: February 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 15/104.002, 607/79

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

28. Document ID: US 6176977 B1

L4: Entry 28 of 34

File: USPT

Jan 23, 2001

US-PAT-NO: 6176977

DOCUMENT-IDENTIFIER: US 6176977 B1

TITLE: Electro-kinetic air transporter-conditioner

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 204/176; 123/539, 132/272, 361/226, 361/230, 361/232, 422/186.07

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Drawn Desc](#) | [Image](#)

29. Document ID: US 6163098 A

L4: Entry 29 of 34

File: USPT

Dec 19, 2000

US-PAT-NO: 6163098

DOCUMENT-IDENTIFIER: US 6163098 A

TITLE: Electro-kinetic air refreshener-conditioner with optional night light

DATE-ISSUED: December 19, 2000

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 310/308; 361/230, 361/235, 96/15, 96/26, 96/70, 96/95, 96/98

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Drawn Desc](#) [Image](#)

30. Document ID: US 6152146 A

L4: Entry 30 of 34

File: USPT

Nov 28, 2000

US-PAT-NO: 6152146

DOCUMENT-IDENTIFIER: US 6152146 A

TITLE: Ion emitting grooming brush

DATE-ISSUED: November 28, 2000

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 607/79

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Drawn Desc](#) [Image](#)

31. Document ID: US 5975090 A

L4: Entry 31 of 34

File: USPT

Nov 2, 1999

US-PAT-NO: 5975090

DOCUMENT-IDENTIFIER: US 5975090 A

TITLE: Ion emitting grooming brush

DATE-ISSUED: November 2, 1999

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Taylor; Charles E.</u>	Sebastopol	CA		
Lau; Shek Fai	Foster City	CA		

US-CL-CURRENT: 132/116; 132/154, 132/272, 607/79

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [KMC](#) [Drawn Desc](#) [Image](#)

32. Document ID: US 4962382 A

L4: Entry 32 of 34

File: USPT

Oct 9, 1990

US-PAT-NO: 4962382

DOCUMENT-IDENTIFIER: US 4962382 A

TITLE: Modified multi-channel Bragg cell using a phased array structure for the improvement of overall efficiency

DATE-ISSUED: October 9, 1990

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Lee; Jim P.</u>	Nepean			CA

US-CL-CURRENT: 342/372; 359/259, 359/285, 359/559

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMD	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	---------------------	---------------------------	-----------------------

 33. Document ID: US 4789801 A

L4: Entry 33 of 34

File: USPT

Dec 6, 1988

US-PAT-NO: 4789801

DOCUMENT-IDENTIFIER: US 4789801 A

**** See image for Reexamination Certificate ****

TITLE: Electrokinetic transducing methods and apparatus and systems comprising or utilizing the same

DATE-ISSUED: December 6, 1988

INVENTOR- INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Lee; Jimmy L.</u>	Santa Rosa	CA		

US-CL-CURRENT: 310/308; 323/903, 361/235, 381/111, 96/26, 96/76

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMD	Draw Desc	Image
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	---------------------------	-----------------------------	---------------------	---------------------------	-----------------------

 34. Document ID: WO 8807785 A1

L4: Entry 34 of 34

File: EPAB

Oct 6, 1988

PUB-NO: WO008807785A1

DOCUMENT-IDENTIFIER: WO 8807785 A1

TITLE: ELECTROKINETIC TRANSDUCING METHODS AND APPARATUS AND SYSTEMS COMPRISING OR UTILIZING THE SAME

PUBN-DATE: October 6, 1988

INVENTOR- INFORMATION:

NAME	COUNTRY
LEE, JIMMY LUTHER	US

US-CL-CURRENT: 96/77; 310/308, 323/903, 361/135
INT-CL (IPC): H02N 1/04; B03C 3/06; B03C 3/12
EUR-CL (EPC): B03C003/38; B03C003/68, B03C003/88, H02N011/00, H04R023/00, F04D033/00

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Clip Img](#) | [Image](#)

[Generate Collection](#)

[Print](#)

Terms	Documents
L2 and (electrode near5 array)	34

Display Format: [Change Format](#)

[Previous Page](#) [Next Page](#)